

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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16800 U.S. PTO  
10/604045  
06/24/03

EFS ID: 42335  
Application ID: 10604045  
Title of Invention: High fT and fmax Bipolar Transistor and Method of Making Same  
First Named Inventor: Alvin Joseph  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-06-24  
Effective Receipt Date: 2003-06-24  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation number: 1044  
Attorney Docket Number: BUR920030004US1



Total Fees Authorized: 790.0  
Payment Category: Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: Anthony J. Canale  
Access Code: \*\*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-06-24  
RAM Sequence Number: 24

Digital Certificate Holder: cn=Anthony J. Canale,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 101ecd8de436128330fd80787a7c348ef1c65841

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

**Title of  
Invention**

High fT and fmax Bipolar Transistor and Method of Making Same

Application Number:

Date:

First Named Applicant: Alvin Jose Joseph

Confirmation Number:

Attorney Docket Number: BUR920030004US1

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I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.	Sign. Capacity
Anthony J. Canale Registered Number: 51,526	Anthony J. Canale	Attorney

**Documents being submitted**

us-assignment

us-request

**Files**

BUR920030004US1-usassn.xml

us-assignment.xsl

us-assignment.dtd

BUR920030004US1Assign1.tif

BUR920030004US1Assign2.tif

BUR920030004US1-usrequ.xml

us-request.dtd

us-fee-sheet	us-request.xsl BUR920030004US1-usfees.xml us-fee-sheet.xsl us-fee-sheet.dtd
us-ids	BUR920030004US1-usidst.xml us-ids.dtd us-ids.xsl
us-declaration	BUR920030004US1Dec2.tif
us-declaration	BUR920030004US1Dec3.tif
us-declaration	BUR920030004US1Dec4.tif
application-body	BUR920030004US1spec-trans.xml us-application-body.xsl application-body.dtd wipo.ent mathml2.dtd mathml2-qname-1.mod isoamsa.ent isoamsb.ent isoamsc.ent isoamsn.ent isoamso.ent isoamsr.ent isogr3.ent isomfrk.ent isomopf.ent isomscr.ent isotech.ent isobox.ent isocyr1.ent isocyr2.ent isodia.ent isolat1.ent isolat2.ent isonum.ent

isopub.ent  
mmlextra.ent  
mmlalias.ent  
soextblx.dtd  
BUR920030004US1sheet1figs.tif  
BUR920030004US1sheet2figs.tif  
BUR920030004US1sheet3figs.tif  
BUR920030004US1sheet4figs.tif  
BUR920030004US1sheet5figs.tif  
BUR920030004US1Dec1.tif

us-declaration

### Comments

Assignee: International Business Machines Corporation Assignee Address: Armonk,  
NY 10504

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

**Title of  
Invention**

High fT and fmax Bipolar Transistor and Method of Making Same

Application Number:

Date:

First Named Applicant: Alvin Jose Joseph

Attorney Docket Number: BUR920030004US1

**TOTAL FEE AUTHORIZED \$790**

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

**BASIC FILING FEE**

Fee Description	Fee Code	Amount \$	Fee Paid \$
Utility Filing Fee	1001	750	750
Subtotal For Basic Filing Fee: \$750			

**EXTRA CLAIM FEES**

Fee Description	Extra Claims	Fee Code	Amount \$	Fee Paid \$
Total Claims: 20	0	1202	18	0
Independent Claims: 3	0	1201	84	0
Subtotal For Extra Claims Fees: \$ 0				

**ASSIGNMENT FEES**

Fee Description	Property Number	Quantity	Fee Code	Amount \$	Fee Paid \$
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	40	40

Subtotal For Additional Fees: \$40

**AUTHORIZED BILLING INFORMATION**

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090456

Access Code \*\*\*\*

Deposit name: International Business Machines Corporation

Deposit authorized name: Anthony J. Canale

Signature: Anthony J. Canale /s/

Date (YYYYMMDD): 2003-06-16

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.